From: Swartout, Jeffrey [swartout.jeff@epa.gov]

Sent: 9/19/2017 1:36:19 PM

To: Simmons, Jane [Simmons.Jane@epa.gov]; Rice, Glenn [rice.glenn@epa.gov]; Lambert, Jason

[Lambert.Jason@epa.gov]; Olsen, Marian [Olsen.Marian@epa.gov]

Subject: RE: CRA Planning and Problem Formulation Guidelines, Final Draft for RAF review

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

From: Simmons, Jane

Sent: Tuesday, September 19, 2017 9:08 AM

To: Rice, Glenn <rice.glenn@epa.gov>; Lambert, Jason <Lambert.Jason@epa.gov>; Olsen, Marian

<Olsen.Marian@epa.gov>; Swartout, Jeffrey <swartout.jeff@epa.gov>

Subject: FW: CRA Planning and Problem Formulation Guidelines, Final Draft for RAF review

Interesting that these are guidelines – wonder what prompted that decision? Has the review process for guidelines made less onerous?

Also, guess we need to read these to see if there are impacts on EPA's use of dose addition.

BEST JES

From: OBrien, Wendy

Sent: Monday, September 18, 2017 5:47 PM

To: Martin, Lawrence <Martin.Lawrence@epa.gov>; Acheson, Carolyn <Acheson.Carolyn@epa.gov>; Anitole, Katherine <Anitole.Katherine@epa.gov>; Benson, Bob <Benson.Bob@epa.gov>; Bollweg, George <bollweg.george@epa.gov>; Braverman, Carole

| Serverman, Carole
| Serverman, Carole@epa.gov>; Duncan, Bruce <Duncan.Bruce@epa.gov>; Foster, Stiven

| Serverman, Carole@epa.gov>; Galizia, Audrey Galizia.Audrey@epa.gov>; Garrahan, Kevin Garrahan.Kevin@epa.gov>; Herr, David Herr, David Herr, David Herr, David@epa.gov>; Hrdy, David Hrdy, David Hrdy, David@epa.gov>; Lowit, Anna Lowit.Anna@epa.gov>; Miller, Gregory@epa.gov>; Olsen, Marian Olsen, Marian@epa.gov>; Rice, Glenn rice.glenn@epa.gov>; Sacks, Jason@epa.gov>; Simmons, Jane Simmons.Jane@epa.gov>; Smith, Charles Smith.Charles@epa.gov>; Stahl, Cynthia Stahl.Cynthia@epa.gov>; Wright, Michael Wright.Michael@epa.gov; Nweke, Onyemaechi Nweke.Onyemaechi@epa.gov>

Cc: Ohanian, Edward < Ohanian. Edward@epa.gov>; Bussard, David < Bussard. David@epa.gov>

Subject: CRA Planning and Problem Formulation Guidelines, Final Draft for RAF review

Good Afternoon CRA Technical Panel Members:

Thank you for your comments on the CRA Planning and Problem Formulation Guidelines. I've attached the final draft, which is being shared with the RAF Chair and Vice Chair, who will initiate the RAF's internal panel review process.

Please contact me, or Lawrence, if you have any questions.

Thank you for your commitment to this important work.

Wendy

Wendy O'Brien, DVM, PhD, DABT Toxicologist, Office of Ecosystems Protection and Remediation USEPA Region 8 1595 Wynkoop Street Denver, CO 80202

Phone: 303.312.6712 FAX: 303.312.6882

CONFIDENTIALITY NOTICE: This e-mail, including all attachments, is for the sole use of the intended recipients and may contain Confidential and privileged information. Any unauthorized use, disclosure or distribution is prohibited. If you are not the intended recipient, please contact the sender and destroy all copies of this message.